DAG2000 Series VoIP Access Gateway

Overview

DAG2000 series voice gateway is a VoIP access gateway based on IP. It is able to provide quality voice service for carrier, enterprise, Village users and company. Supported standard SIP protocol and compatible mainstream IPPBX and softswitch platform.

Product pictures

DAG2000-16S

DAG2000-32S

Key benefits

- Primary and secondary SIP account
- Flexible set port group
- IP trunk
- Flexible routing and manipulation
- Data/ Voice/ Management VLAN
- Voice /FAX/Modem
- Traffic Shaping
- Firmware update automatically /configure update

Decade focused

Creates the high-quality goods

Physical Interfaces

- Phone ports: 16/24/32FXS, RJ-11
- Ethernet Interfaces:

16FXS: 4*RJ-45 10/100Mbps, RJ-45

24FXS: 4* RJ-45 10/100Mbps, RJ-45

32FXS: 4* RJ-45 10/100Mbps, RJ-45

Voice & FAX

- G.711A/U law, G.723.1, G.729A/B
- Comfort Noise Generation(CNG)
- Voice Activity Detection(VAD)
- Echo Cancellation(G.168)
- Adaptive (Dynamic) Jitter Buffer
- Hook flash test
- Programmable Gain Control
- T.38/Pass-through/Modem FAX mode,
- Up to 14.4kbps
- DTMF mode: Signal/RFC2833/INBAND

Private Service

- Inquire LAN port IP *158#
- Inquire WAN port IP *159#
- Get IP address *150*
- Restart*111#
- Factory reset*166*000000#

Protocol

- SIP V2.0 (RFC 3261,3262,3264)
- SDP (RFC 2327)
- REFER (RFC 3515)
- RTP/RTCP (RFC 1889,1890)
- STUN (RFC 3489)
- ARP/RARP (RFC 826/903)
- SNTP (RFC 2030)
- DHCP/PPPoE
- TFTP/HTTP/HTTPS
- DNS/DNS SRV (RFC 1706/RFC 2782)
- VLAN 802.1P/802.1Q

Supplement Service

- Call waiting
- Call transfer(Blind transfer, Attend Transfer , Half blind transfer)
- Quick pick
- Call forwarding
- Hotline
- Call hold
- DND
- 3-way conference（1/2/4FXS Support）
- Voice mail
- Direct IP address call

Customer first

Services more intimately

Call & Route

- Port group
- IP trunk
- Primary and secondary SIP account
- 32 inbound routing
- 32 outbound routing
- Number manipulation
- Dial plan set

Network Feature

- NAT (Rout and Bridge)
- Static IP, PPPoE, DHCP
- DHCP server
- IP,TCP, UDP,TFTP, FTP, TCP,ARP,RARP, Ping, NTP, SNTP, Http, DNS, Tracert
- Static/dynamic ARP

Environment

- Power input:100-240VAC,50-60Hz
- Power consumption: 24FXS:80W; 32FXS:100W

temperature(operator): 0 ℃ ~ 45 ℃

(storage): -20 ℃ ~80 ℃

- Humidity: 10%-90% no condensation

Maintain & Upgrade

- Web based configuration
- Telnet configuration
- Data backup/restore
- Support English and Chinese language
- Firmware upgrade by TFTP
- Syslog and CDR
- Web & telnet login password modify
- Factory reset
- Automatic time synchronization
- SNMP
- IVR local maintenance management

Dimension & Weight:

- 16FXS:442(L)*280(W)*44(H)mm 3.0kg
- 24FXS:442(L)*250(W)*44(H)mm 3.5kg
- 32FXS:442(L)*250(W)*44(H)mm 3.5kg

Packing Content

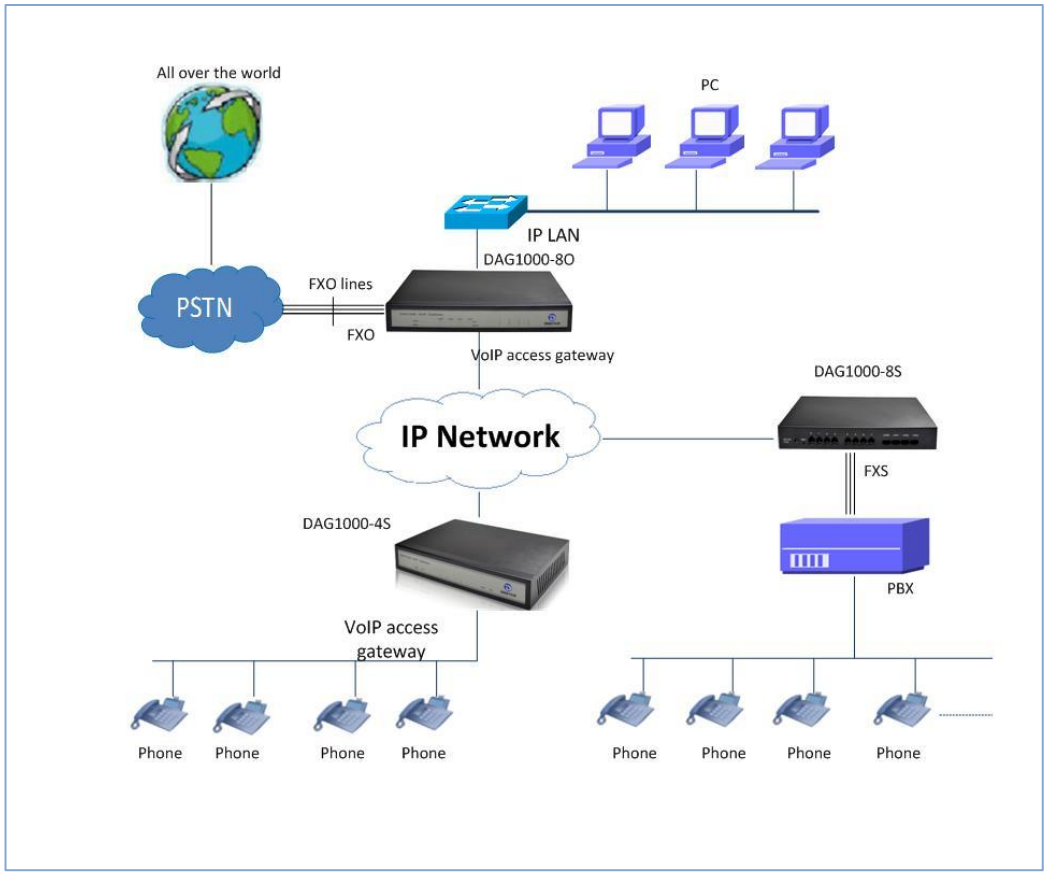
- Gateway
- Power adapter
- RJ-45 Network cable
- User's Manual CD

Authentication

- CE, FCC

Trust Growth Cooperation Sharing

System Application



Dinstar Technologies Co., Ltd.

Floor 6, Guoxing Building, Changxing Road, Nanshan District, Shenzhen, China 518052

Tel: +86 755 2645 6664 Fax: +86 755 2645 6659

Email: sales@dinstar.com support@dinstar.com Website: www.dinstar.com